

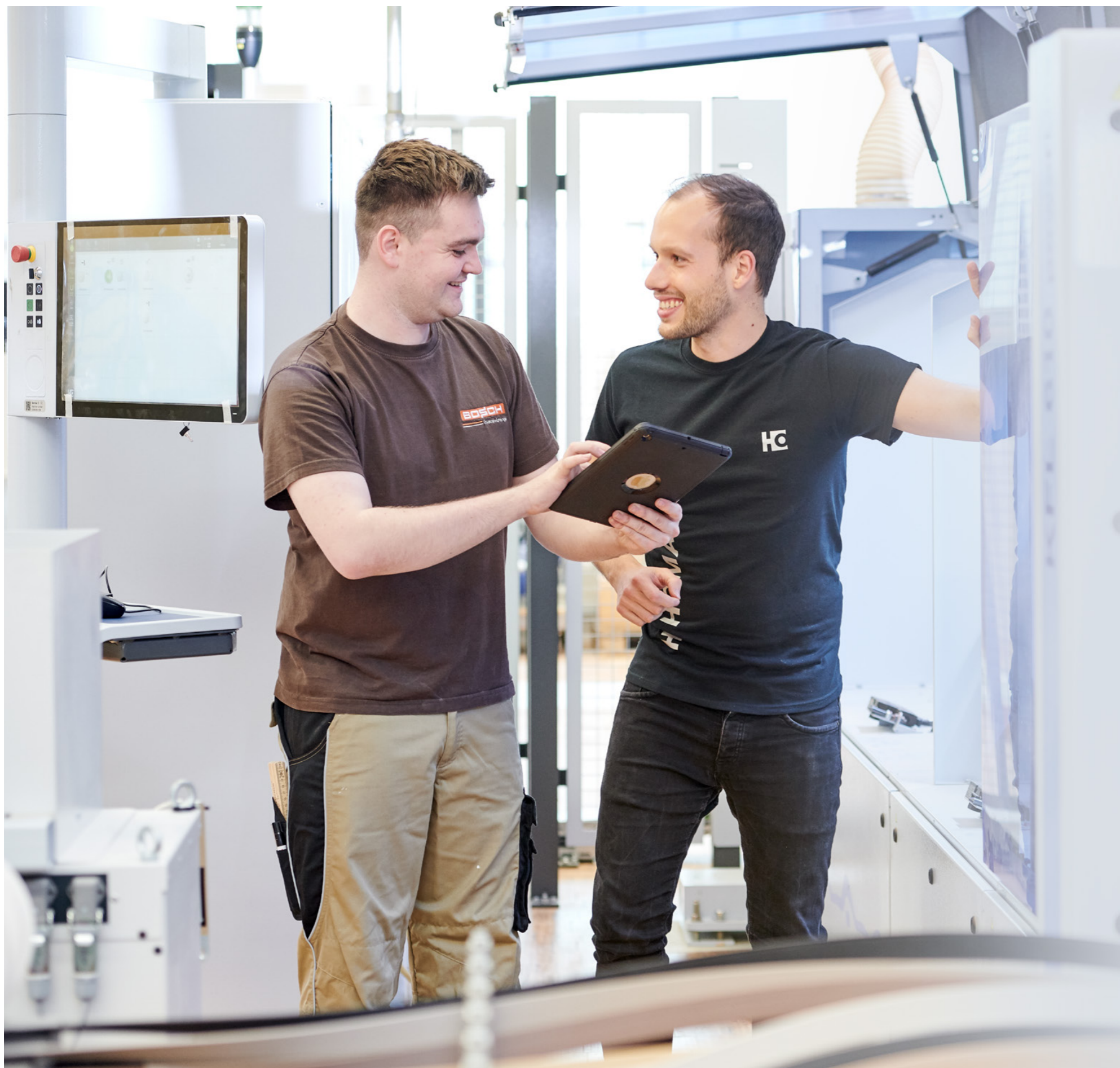
**Our modernizations
keep you
up to date!**

HOMAG

HOMAG LIFE CYCLE SERVICES

YOUR SOLUTION





An investment in the future: Modernizations from HOMAG.

Optimal support for your machines over their entire life cycle is important to us. We therefore offer varied and individually tailored modernization options. We make sure that your machine can produce competitively for even longer, that our solutions mean you are correctly set up even when requirements in technology, products and needs change, and that your machine thus also meets the latest requirements in terms of safety technology.

YOUR SOLUTION

[MORE: HOMAG.COM](https://www.homag.com)



MODERNIZATION

CONTENTS

- 06 Panel dividing
- 07 CNC technology
- 08 Edge technology
- 09 Surface technology
- 10 Automation
- 11 Systems
- 12 Comprehensive modernizations
- 14 Life Cycle Services



Modernizations that make work easier.

Keep your machine pool up to date and increase both productivity and product quality. This allows you to meet future product requirements today! We support and advise you in the development of customized solutions as well as in upgrades and possible modernizations.

Overview of modernizations

PANEL DIVIDING TECHNOLOGY

- intelliGuide
- modul45
- HBX 150 feed gantry
- Labeling
- CADmatic Upgrade
- CADmatic destacking module

CNC TECHNOLOGY

- Spindle cooling
- woodWOP 7.2
- woodWOP CAM plugin
- Floating licenses for software
- Tool life travel calculation
- Additional control panel

EDGE TECHNOLOGY

- Solvent spray unit
- Metering slide
- Sliding carriage
- Air cushion table
- Joint trimming unit
- Zero joint technology with laserTec

SURFACE TECHNOLOGY

- Fixing of small components
- Measurement of workpiece thickness
- Support and deposit aid
- Software update „Vintage look“
- Software update „Framework program“
- Upgrade 15" touch display

AUTOMATION

- Additional tool pair
- Air cushion table
- Pintle for narrow parts
- woodStore 7
- Automatic lubrication
- Vertical guard plate

SYSTEMS

- Workpiece returns
- Robot Systems
- Feeding solutions

COMPREHENSIVE MODERNIZATIONS

- serviceAssist
- serviceRemote
- tapio-ready
- Windows 7 Upgrade
- MMR professional
- Hands-free barcode system



„Thanks to modernizations in our machine pool, we can respond to market developments and innovations with the existing infrastructure. With regard to the rapid pace of development of digitalization and software development in particular, for us, updates are often the best option for keeping up to date with trends.“

Benedikt Becherer, BECHERER MÖBELWERKSTÄTTEN



„Modernizing a machine gives us the unbeatable benefit of not having to redefine an existing concept that works. That means a lot less stress for everybody!“

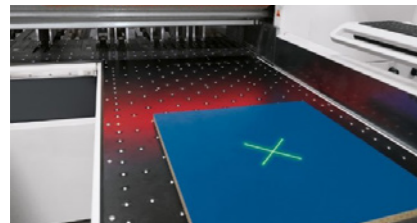
Andreas Weinzierl, 3D-Holz Design



„The various modifications always ran smoothly – regardless of whether it was a new PC, CAM plug-in or woodWOP updates. To make sure that the existing data structure matches the machines and the work preparation stations, technicians also provided support on site. This ensures that everything fits together in the end.“

Ulrich Teufel, Vöhringer GmbH & Co. KG

Panel Dividing

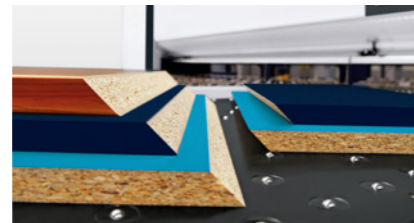


intelliGuide – fast, easy and intuitive

Completely intuitive operation of your saw with the intelliGuide visual operator assistance system.

Your advantages:

- Shorter throughfeed times
- Faster and safer work
- Systematic means of avoiding errors
- Camera system (optional)
- Laser projection (optional)

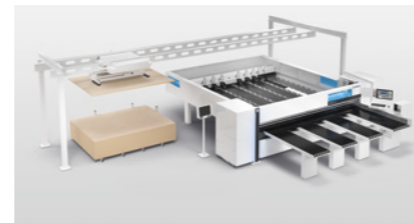


Infinitely variable cutting with module45

Complete all pre-cuts and miter cuts on one saw.

Your advantages:

- How you benefit:
- Infinitely adjustable angle for miter cuts
- High quality
- Minimal handling effort due to processing on only one saw



HBX 150 feed gantry – well thought-out and variable

Efficient feed gantry with minimum space requirements.

Your advantages:

- Increased productivity and material throughfeed thanks to automatic feed
- Ergonomic cutting
- Gentle material handling
- Low space requirement due to short transport paths for material and compact installation dimensions

CNC technology

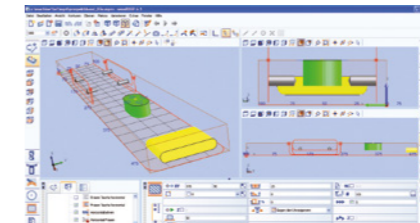


Higher availability thanks to spindle cooling

With a modernization, you increase both availability and the life of the spindle.

Your advantages:

- Improved cooling
- Higher availability
- Longer service life thanks to better cooling properties

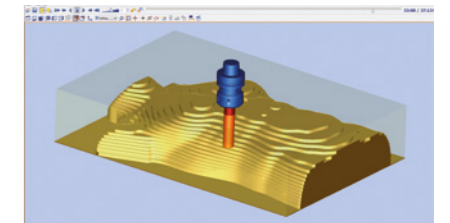


More options with woodWOP 7.2

With a software update or upgrade you receive new functions. This gives you more options for designing your production and products.

Your advantages:

- New parameters for existing macros
- New functions in the CAD plugin
- Optimized user interface



New functions with the CAM package

Benefit from the new functions of the components included in the package: current woodWOP version, CAM plug-in and our simulation software.

Your advantages:

- Extensive 3D programming
- 3, 4 or 5 axis interpolation of 3D surfaces depending on the variant (Basic or Professional)
- Processing can be checked in advance



Labeling for reliable marking and identification

To ensure that your processes continue to flow smoothly after the saw. Create individual labels directly on the saw.

Your advantages:

- Avoidance of errors due to clear part identification
- Labels adaptable to your individual needs



Upgrade to CADmatic 5

Intuitive machine control – simple, quick and clear: that's what the CADmatic 5 represents.

Your advantages:

- Innovative assistance graphic
- Intelligent production readiness display



CADmatic destacking module

For guided and error-free stacking of pallets.

Your advantages:

- Intelligent stack formation
- Space-saving thanks to optimal stacking
- Reduction in walking time



Flexible use of the software thanks to floating licenses

Floating licenses enable the server to manage the software licenses for several users in a network. Convert your single station licenses into floating licenses at any time.

Your advantages:

- Management of licenses on one server
- Greater flexibility



Tool life travel calculation

Use the tool life travel calculation to monitor the use of your tools.

Your advantages:

- Optimize tool usage
- Select the optimal tool
- Prevent standstills



More flexible operation thanks to an additional control panel

This enables you to operate both table halves of a machining centre with flexibility and to help save time.

Your advantages:

- Faster processing operations thanks to shorter routes for the machine operator
- Comfortable operation

Edge technology



Optimal edge quality thanks to the separating agent sprayer

Improve the quality of your edges by applying separating agent before the hot-melt glue processing. This avoids glue residues forming deposits on the upper side and underside of the workpiece.

Your advantages:

- Improved edge quality
- Increase in the quality of the glue joints and surfaces

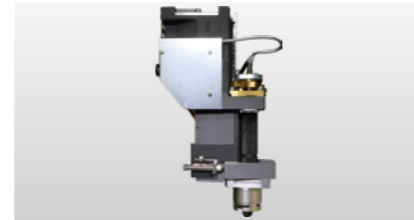


Perfect edge quality thanks to the sliding carriage

The sliding carriage allows you to guide narrow parts into the machine at precise right angles.

Your advantages:

- Precise feeding of workpieces
- Robust linear guide
- Perfect edge quality

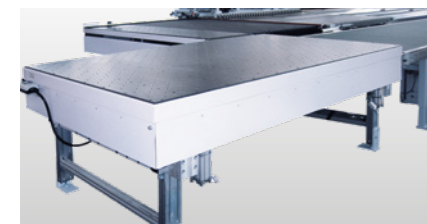


Constant glue application thanks to the metering slide

The pneumatic metering slide cleans chips from the application roller. This gives you a constant glue application.

Your advantages:

- Automatic closure to the set clearance in the event of a power failure to prevent glue escaping
- Improved gluing quality

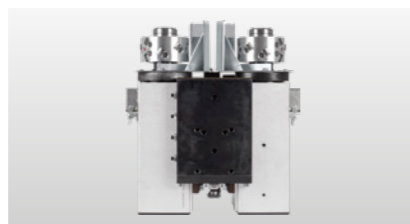


Precise guidance thanks to the air cushion table

For perfect edge quality, use the air cushion table for safe loading of your machine.

Your advantages:

- Safe feed of workpieces
- Perfect edge quality



Optimal glue joint quality thanks to the joint trimming unit

Use the joint trimming unit to create the basis for a precise, absolutely straight and tear-free workpiece edge and an adhesive joint with consistently high product quality.

Your advantages:

- Perfect cut
- Long tool life
- Optimal glue joint quality



Zero joint technology with laserTec

Produce furniture with edges in a quality that has never been seen before with the laserTec* procedure from HOMAG.

Your advantages:

- Scrap rate reduced
- High availability
- Maximum production safety

Surface technology



Perfect fixing for small components

Improve the precise fixing of small components through the use of vacuum systems. Available with an optional split feed table and a high-performance ventilator that can be regulated.

Your advantages:

- Small parts do not slip
- Perfect sanding pattern thanks to ideal fixing of the workpieces



Comfortable measurement of workpiece thickness

The wireless transmission of the ME5000 thickness measuring system enables fast and comfortable adjustment of the machine height.

Your advantages:

- Useful digital measuring tool
- Allows efficient work thanks to direct transmission of the measured value

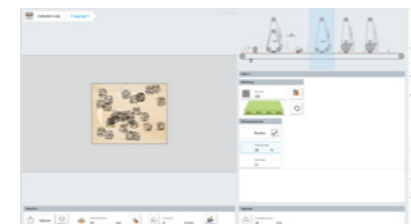


Space-saving support and deposit aid

Greater comfort and less stress thanks to space-saving and specially coated support and deposit aids.

Your advantages:

- Improved workpiece handling for storage return and storage removal area
- Roller tables with an insertion or folding function



Software update „Vintage look“

Expand your product portfolio and produce modern trend surfaces with visual effects with the software update.

Your advantages:

- Expanded product portfolio
- More individual look thanks to more intense processing of determined sanding areas



Software update „Framework program“

Using the additional sanding program, you can create individual looks and perfect sanding in the direction of the grain.

Your advantages:

- Ideally aligned grinding in the grain direction
- Intelligent workpiece recognition through longitudinal and transverse recognition
- Differentiated processing of the different grain directions



Upgrade to 15" touch display

With the 15" touch display a comfortable and even easier operation of the SANDTEQ W-100 and W-200 series is possible.

Your advantages:

- Large buttons
- Precise and fast operation without aids
- Avoidance of incorrect operation

Automation

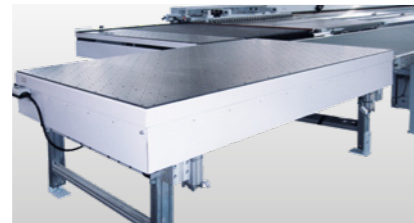


PAQTEQ – Greater performance thanks to additional pair of tools

Increase the performance of your cardboard cutting thanks to two additional longitudinal tools.

Your advantages:

- Perfect and needs-based cutting
- Reduction in multi-line cutting
- Greater performance



LOOPTEQ – Ergonomic handling thanks to an air cushion table

Create healthy working conditions for ergonomic parts handling at the end of a return path using the air cushion table with lifting device.

Your advantages:

- Ergonomic workpiece handling
- Safe thanks to light barrier control and braking brushes on all sides
- Comfortable parts handling



LOOPTEQ – Comfortable part flow thanks to pintle for narrow parts

Enable handling of short, narrow workpieces. The pintle turns the single parts before the return.

Your advantages:

- Automatically adjustable
- Sensor-controlled
- Extended parts range

Systems



Workpiece returns – automated edge processing

Workpiece returns from HOMAG are the perfect supplement to single-sided edge banding machines.

Your advantages:

- Better machine utilization and significantly reduced downtime
- Wide variety of workpieces
- High profitability and short amortization times

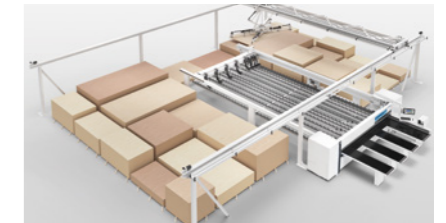


Robot systems for automation

High availability, high repetition accuracy and precise workpiece handling. Robots automatically increase the cost-effectiveness of production.

Your advantages:

- Diverse range of workpieces and materials
- Fast workpiece changing times
- Additional functions such as position measurement or cleaning can easily be integrated into the process



Feed solutions from S to XXL for the saw

Manually transporting panel material from the shelf to the saw is time-consuming and often not ergonomic. This is just one of the reasons why automation solutions from HOMAG pay off within a short time.

Your advantages:

- Space-saving
- Available for any size of business



Software update woodStore 7

With a software update you get new functions and more options.

Your advantages:

- Cost saving because offcuts are used
- Reduces material stocks no longer required



STORETEQ – automatic lubrication

At the points where friction occurs, lubricant is taken from a central source. Have the Y-axis of your bearing lubricated automatically.

Your advantages:

- Reduced maintenance intervals
- Extended machine running times



Operational safety thanks to vertical guard plate

Use the anti-standing device, e.g. on roller conveyors where a load transfer takes place, thus increasing safety in your company.

Your advantages:

- Foam body that cannot be accessed due to higher assembly
- The risk of injury is minimized

Comprehensive modernizations

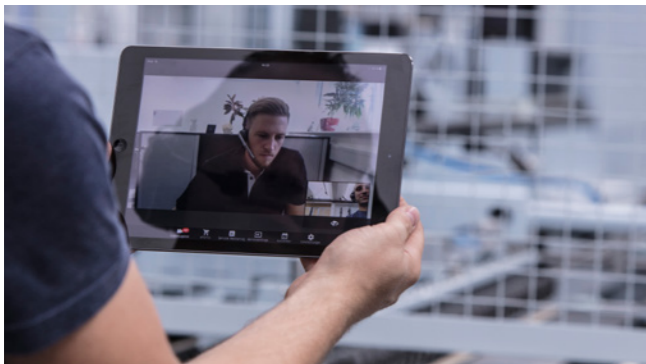


serviceAssist

With our „serviceAssist“ app, we help you to fix problems yourself. With proven solution proposals, serviceAssist enables the machine operator to prevent possible malfunctions and thus increase system availability. To do this, the app accesses a knowledge base that is continuously updated.

Your advantages:

- Increase of the plant availability through fast troubleshooting
- Digital and multimedia support with documents, images and films
- Continuous improvement thanks to a constantly growing knowledge base

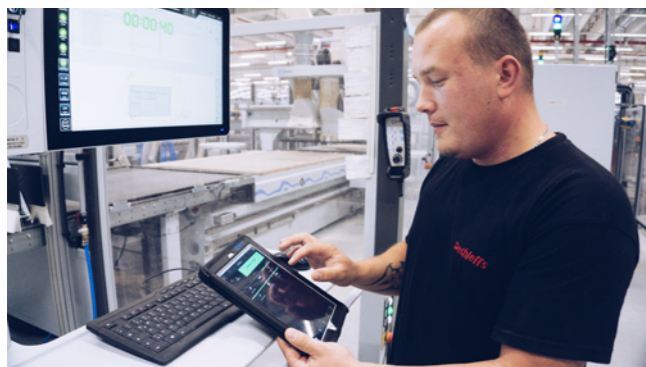


serviceRemote

Using the modern teleservice connection, you can contact HOMAG teleservice employees as usual via the ServiceBoard App, by telephone or by email. The advantage, however, is faster and more focused assistance based on the latest, future-proof technology.

Your advantages:

- Greater transparency as you can view previous assignments
- Production can be resumed faster thanks to extended access to helpful physical data
- Predictive maintenance: enhanced diagnostic options and various service apps



tapio-ready

Enter the digital world with us! Prepare your machine for connection to the tapio ecosystem, thereby using know-how and specific applications from your suppliers and manufacturers.

Your advantages:

- Future-oriented
- Use of mobile end devices in production
- New options with digital services

Upgrade your machine computer to Windows 7

A software upgrade for the operating system increases the performance of the machine computer.

Your advantages:

- Guaranteed manufacturer support
- Options for further software updates
- Better performance

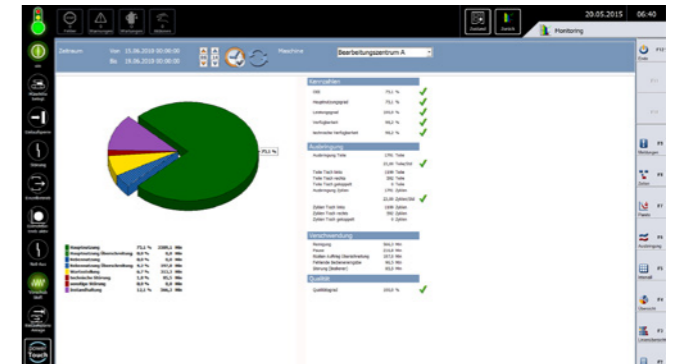


Machine Monitoring & Reporting – Upgrade to MMR professional

The optimal use of machines and systems is one of the decisive factors for success in production. By upgrading to MMR professional, optimization potentials can be identified to increase production and output.

Your advantages:

- Optimization of production
- Increase in the production readiness with preventive maintenance measures
- Efficient machine deployment due to transparent, uniform display of key figures



Hands-free barcode-reading system

With our barcode-reading system you can transmit information about the process to the machine quickly and precisely without any additional manual intervention.

Your advantages:

- Comfortable transfer of information
- No errors thanks to unique part identification
- Precise



HC LIFE CYCLE SERVICES

Optimal service and individual consultations are included in the purchase of our machines. We support you with service innovations and products which are especially tailored to your requirements. With short response times and fast

customer solutions we guarantee consistently high availability and economic production – over the entire life cycle of your machine.



REMOTE SERVICE

- Hotline support via remote diagnosis by our trained experts regarding control, mechanics and process technology. Thus, more than 92% less on-site service required and consequently a faster solution for you!
- The ServiceBoard App helps to solve tasks in a fast, simple and concrete way. This is achieved by mobile live video diagnosis, automatic sending of service requests or the online spare parts catalog eParts.



SPARE PARTS SERVICE

- High spare parts availability and fast delivery.
- Ensuring quality by predefined spare parts and wear parts kits, comprising original spare parts.
- Identify and inquire for spare parts online under www.eParts.de 24/7, or buy even faster and more comfortably in the new HOMAG eShop (shop.homag.com).



MODERNIZATION

- Keep your machinery up to date and increase your productivity as well as your product quality. This is how you can meet tomorrow's requirements today!
- We support you with upgrades, modernization as well as individual consultancy and developments.



DIGITAL SERVICES

- serviceRemote – the new remote service solution of the future! Fast restart of production because the remote service employee has extensive access to relevant physical data.
- serviceAssist – provides help for self-help. The preventive solutions proposed in the new App are the combination of our experiences and existing machine data.



SOFTWARE

- Telephone support and consultancy through software support.
- Digitalization of your spare parts via 3D scanning saves time and money compared to new programming.
- Subsequent networking of your machinery with intelligent software solutions ranging from construction to production.



FIELD SERVICE

- Increased machine availability and product quality by certified service staff.
- Regular checks through maintenance/inspection guarantee the highest quality of your products.
- We offer you the highest availability of technicians in order to reduce downtimes in case of unpredictable troubles.



TRAININGS

- Thanks to training perfectly suited to your requirements, your machine operators can optimally operate and maintain the HOMAG machines.
- The training also includes customer-specific training documents with exercises proven in practice.
- Online training and webinars. Learn without traveling, meet your trainer in the digital classroom.

For you more than...

1,350
service employees worldwide

92%
less on-site service thanks to successful remote diagnosis

5,000
customers in trainings / year

150,000
machines, all electronically documented in 28 different languages – in eParts

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